

Title (en)

Duplex printing media handling system

Title (de)

Druckträgertransportsystem für beidseitigen Druck

Title (fr)

Système d'entraînement recto-verso du support d'impression

Publication

**EP 0982144 B1 20020626 (EN)**

Application

**EP 99306507 A 19990818**

Priority

US 14192798 A 19980828

Abstract (en)

[origin: US5974298A] A media sheet handling system and a method of duplex printing are disclosed wherein a media sheet is imaged with a phase change ink on both sides of the media sheet without smudging or remelting the images and the media sheet is partially exited from the printer into a media output tray and then is drawn back into the printer along a duplex path of travel that automatically reverses the media sheet so that the trailing edge becomes the leading edge during the imaging of the second side of the media sheet. The stiffness of the media sheet facilitates the media sheet moving above and beyond a stationary media path diverter prior to reversing its direction of travel along and passing along the duplex path of travel back to the imaging station.

IPC 1-7

**B41J 13/00**

IPC 8 full level

**B65H 29/58** (2006.01); **B41J 3/60** (2006.01); **B41J 13/00** (2006.01); **B41J 29/02** (2006.01); **B65H 85/00** (2006.01)

CPC (source: EP US)

**B41J 3/60** (2013.01 - EP US); **B41J 13/0045** (2013.01 - EP US); **B41J 29/02** (2013.01 - EP US)

Cited by

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DE FR GB

DOCDB simple family (publication)

**US 5974298 A 19991026**; DE 69901923 D1 20020801; DE 69901923 T2 20021024; EP 0982144 A1 20000301; EP 0982144 B1 20020626; JP 2000072340 A 20000307; JP 3749046 B2 20060222

DOCDB simple family (application)

**US 14192798 A 19980828**; DE 69901923 T 19990818; EP 99306507 A 19990818; JP 23812599 A 19990825